IN THE CLAIMS

Claims 1. – 11. (cancelled)

12. (currently amended) A method for detection of a variant MCFD2 polypeptide in a human subject, comprising:

a) providing a biological sample from a human subject suspected of having combined factor 5 and factor 8 deficiency, wherein said biological sample comprises a MCFD2 polypeptide;

b) detecting the presence of a variant MCFD2 polypeptide in said biological sample; and

c) diagnosing combined factor 5 and factor 8 deficiency in a human subject on the basis of said detecting.

13. (original) The method of claim 12, wherein said variant MCFD2 polypeptide is a C-terminal truncation of SEQ ID NO:2.

14. (original) The method of claim 12, wherein the presence of said variant MCFD2 polypeptide is indicative of combined deficiency of factor V and factor VIII in said subject.

15. (original) The method of claim 12, wherein said biological sample is selected from the group consisting of a blood sample, a tissue sample, a urine sample, and an amniotic fluid sample.

16. (currently amended) The method of claim 12, wherein said subject is selected from the group consisting of a human embryo, a human fetus, a human newborn, a human infant, a human child, and a human adult.

17. (original) The method of claim 12, wherein said detecting comprises differential antibody binding.

18. (original) The method of claim 12, wherein said detecting comprises a gel-free truncation test.

19. (original) The method of claim 12, wherein said detection comprises a Western blot.

20. (currently amended) The method of claim 12, wherein said detecting comprises detecting a variant ~~MCFD2~~ *MCFD2* nucleic acid sequence ~~associated with~~ encoding said variant MCFD2 polypeptide wherein said variant *MCFD2* nucleic acid sequence encodes a change in the amino acid sequence of said variant MCFD2 polypeptide.

21. (new) The method of claim 20, wherein said variant *MCFD2* nucleic acid sequence prevents expression of normal MCFD2 polypeptide.